anton CANTON DROP FORGE  March 24, 2	Domestic Return Receipt	m service label) 7007	; an ton 10. H 44705-7906	0. Box 2906	this christine Balahoski	Stark county Metropolitanse w 184	Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  Print your name and address on the reverse so that we can return the card to you.  Attach this card to the back of the mailpiece, or on the front if space permits.
Stark County Metropolitan Sewer District Attn: Christine Balahoski 1701 Mahoning Road, N.E. P.O. Box 7906 Canton, Ohio 44705-7906 Re: Account No. 09-00813-00-7 Dear Ms. Balahoski: On January 13, 2011 I wrote the following two paragra Thank you for your letter of December 2, 2010 reques The average number of plant employees is 213. This no	102595-02-M-1540		3. Service Type  A. Certified Mail			If YES, enter delivery address below:	A. Signature,  A. Sig

On January 18, 2010 powerhouse personnel timed the filling of discharge tanks from our hot process softener. The measured volume was 4,319 gallons and the filling time was 14.61 hours, or 7,095 gallons in 24 hours. Our normal schedule in the forge shop is five, days per week, Monday through Friday.

On March 18, 2011 CDF powerhouse associates were able to run the above test again. Our blow down procedure has changed so we were sure the volume would be somewhat less than previously measured. With the new procedures the 4,319 gallon fill time was 60 hours. The 7,095 gallons per 24 hours is now 1,728 gallons per 24 hours.

It would be a positive service to Canton Drop Forge if this could be reflected in future billings. Please call if I can answer any questions on this discharge.

Sincerely,

Keith Houseknecht

Manager, Plant Engineering

eit Housekneck

#### Keith Houseknecht

From:

Travis Dixon

Sent:

Friday, March 18, 2011 4:01 PM

To:

Keith Houseknecht

Subject:

Corrected lime press system fill time

Begin 3/15/2011 @ 0830 Filled 3/17/2011 @ 2025

1(c)(d)(e)

### THE CITY OF MASSILLON, OHIO

Mayor Francis H. Cicchinelli, Jr.

(216) 830-1700

Director of Public Safety & Service

Bill H. Hamit — 830-1702

Public Service 830-1701

City Engineer/Planning Director Robert F. Wagoner — 830-1722

\_\_\_\_\_

Assistant Planning Director
Aane Aaby — 830-1721

Chief Building Official William L. Kraft — 830-1724

Wastewater Treatment Department Manager/Superintendent

Ronald L. Halter - 833-3304

Chief Of Police

Dennis D. Harwig, Sr. - 830-1762

Fire Chief

Tommy R. Matthews -- 833-1053

Health Commissioner

Thomas K. Ellis, M.D. — 830-1710

Equal Employment Opportunity/ Minority Business

Edward W. Grier - 830-1716

Park Superintendent

Brian E. Gehring — 830-1703

Chief Electrician

Howard E. Bennett - 832-1176

Youth Director

Constance Ledwell - 837-3137

Senior Citizens Director

Nancy A. Johnson - 837-2784

Fair Housing Compliance Officer

Lois J. Roush — 830-1717

Income Tax Administrator

Richard E. Bordner - 830-1709

Data Center Chief

Kimberly A. Eisenbrei — 830-1708

May 1, 1991

City of Massillon Wastewater Treatment Department 2695 Erie Street South Massillon, Ohio 44646

Mr. Keith Houseknecht Canton Drop Forge 4575 Southway Street S.W. Canton, Ohio 44706

Dear Mr. Houseknecht:

In your letter of April 30, 1991, you asked for permission to discharge "scrubber lime" water from an air scrubber to the City of Massillon Wastewater Treatment Plant.

After discussions with Mr. Ackerman and review of analytical results provided by you, Canton Drop Forge is granted permission to discharge this material to the Massillon Treatment Plant.

You are reminded that this discharge must be maintained at a pH level between 5 and 10 S.U. at all times.

Please notify Dan Ackerman when you begin this discharge so that he can visually inspect the operation.

Sincerely,

Romald L. Halter

Manager/Superintendent

Wastewater Treatment Department

CDF000395

Massillon Municipal Government Center 100 City Hall Street, S.E. Massillon, Ohio 44646

NOV 1 8 1991

**CANTON DROP FORGE** 

### THE CITY OF MASSILLON, OHIO

Mayor Francis H. Cicchinelli, Jr.

(216) 830-1700

Director of Public Safety & Service

Bill H. Hamit — 830-1702

Public Service 830-1701

City Engineer/Planning Director
Robert F. Wagoner — 830-1722

Assistant Planning Director
Aane Aaby — 830-1721

Chief Building Official William L. Kraft — 830-1724

Wastewater Treatment Department Manager/Superintendent

Ronald L. Halter - 833-3304

Chief Of Police

Dennis D. Harwig, Sr. — 830-1762

Fire Chief

Tommy R. Matthews - 833-1053

Health Commissioner
Thomas K. Ellis, M.D. — 830-1710

Equal Employment Opportunity/

Minority Business Edward W. Grier — 830-1716

Park Superintendent

Brian E. Gehring — 830-1703

Chief Electrician

Howard E. Bennett - 832-1176

Youth Director

Constance Ledwell - 837-3137

Senior Citizens Director

Nancy A. Johnson - 837-2784

Fair Housing

Compliance Officer

Lois J. Roush — 830-1717

Income Tax Administrator

Richard E. Bordner — 830-1709

Data Center Chief

Kimberly A. Eisenbrei - 830-1708

November 15, 1991

City of Massillon Wastewater Treatment Department 2695 Erie Street South Massillon, Ohio 44646

Keith Houseknecht Manager, Plant Engineer Canton Drop Forge 4575 Southway Street S.W. P.O. Box 6902 Canton, Ohio 44706-0902

Dear Mr. Houseknecht:

In reference to your letter of November 12, 1991, Canton Drop Forge is granted permission to discharge wastewater from the air scrubber to the City of Massillon collection system.

The discharge in May of 1991, was to last approximately two weeks. In your latest request, you are asking to discharge an estimated five weeks. If there is any change in your plans, please notify this office as soon as possible.

You are again reminded that the pH of this discharge must be maintained at 5 to 10 S.U. at all times.

Sincerely,

Dan Ackerman

Chief Inspector, I.P.T.

cc: Ronald L. Halter, Manager/Supt.

CDF000396

Massillon Municipal Government Center 100 City Hall Street, S.E. Massillon, Ohio 44646

## THE CITY OF MASSILLON, OHIO

Francis H. Cicchinelli, Jr. Mayor

Phone (216) 830-1700 FAX (216) 830-1776

Director of Public Safety & Service Alan W. Climer — 830-1702

> Public Service 830-1701

Personnel/Labor Relations/ Purchasing Director 830-1777

City Engineer/Planning Director Robert F. Wagoner — 830-1722

Community Development Director
Aane Aaby — 830-1721

Economic Development Director 830-1785

> Chief Building Official Starr Surbey — 830-1724

Fair Housing/ Rehabilitation Director Marilyn Frazier — 830-1717

Wastewater Treatment Department
Manager/Superintendent
Ronald L. Halter — 833-3304

Collections Department Chief Linda S. McGill — 830-1705

Chief of Police Mark D. Weldon — 830-1762

Fire Chief
Tommy R. Matthews — 833-1053

Equal Employment Opportunity/ Minority Business/Drug Coordinator Edward W. Grier — 830-1716

Health Commissioner
Thomas K. Ellis, M.D. — 830-1710

Park Superintendent
Robert T. Straughn — 830-1791

Youth Director
Constance Ledwell — 837-3137

Senior Citizens Director Nancy A. Johnson — 837-2784

Income Tax Administrator Richard E. Bordner — 830-1709

> Data Center Chief Keith Wires — 830-3647

February 25, 1993

City of Massillon, Ohio Wastewater Treatment Department 2700 Treatment Road S.W. Massillon, Ohio 44646

Mr. Keith Houseknecht Canton Drop Forge 4575 Southway Street S.W. Canton, Ohio 44706

Dear Mr. Houseknecht:

In early February, 1993, wastewater coming into the Massillon Wastewater Treatment Plant was noticed to have changed to a very black color. We then began to have violations of our N.P.D.E.S. permit, issued by the Ohio E.P.A.

The upset at the plant and the subsequent permit limit violations continued for approximately eighteen (18) days.

Industrial pretreatment staff traced the black discharge back to Canton Drop Forge. The discharge apparently was the result of the air scrubber operation connected to your coal fired boiler.

Personnel obtained samples for three consecutive days of the wastestream coming from Canton Drop Forge and sent them to our contract laboratory for analysis. I have enclosed a copy of the results of this analysis. The results for mercury are particularly disturbing as we have very stringent limits for the discharge of mercury into the receiving stream. There also appeared to be a much heavier flow than the 4,000 gallons per week requested in your letter of April 30, 1991.

Two days after this discharge ceased, the wastewater treatment plant began to return to normal.

CDF000397

Massillon Municipal Government Center One James Duncan Plaza Massillon, Ohio 44646 Mr. Keith Houseknecht February 25, 1993

As a result of this incident, this department must exercise its authority to deny any discharge to the sanitary sewer which could cause upset to operations at the plant.

Canton Drop Forge is specifically denied approval for discharge of any wastewater associated with the air scrubber at its Southway Street facility.

If you have any questions or comments, you may contact myself or Dan Ackerman at 833-3304.

Sincerely,

Page 2

Ronald L. Halter

Manager/Superintendent

Wastewater Treatment Department



Order # 93-02-180 02/18/93 08:29

TEST RESULTS BY SAMPLE

Page 2

**建制源 医病 出。** 

	·				
Sample: 01A #1 SAMPLE	02/03 1300 Coli	lected: 02/03/9	93		
		• •			
		<u>Detection</u>		,	
Test Description	<u>Result</u>	<u>Limit</u>	<u>Units</u>	Analyzed	Ву
CADMIUM EPA 213.1	0.005	0.005	MG/L	02/17/93	JΈ
CHROMIUM EPA 218.1	0.03	0.02	MG/L	02/17/93	JE
COPPER EPA 220.1	0.038	0.010	MG/L	02/17/93	JE
LEAD EPA 239.1	0.12	0.05	MG/L	02/17/93	JE
MERCURY METHOD 245.1	(0.0013)	0.0002	MG/L	02/17/93	JE
NICKEL EPA 249.1	BDL	0.02	MG/L	02/17/93	JE
PREP - AQUEOUS DIGESTION	-		·	, ,	
SILVER EPA 272.1	BDL	0.010	MG/L	02/17/93	JE
ZINC EPA 289.1	0.314	0.005	MG/L	02/17/93	JE
			•		
Sample: 02A #2 SAMPLE	02/04 0800 Col	lected: 02/04/9	93		
		,		•	
		Detection			
Test Description	<u>Result</u>	Limit	Units	Analyzed	Вy
CADMIUM EPA 213.1	0.009	-0.005	MG/L	02/17/93	JE
CHROMIUM EPA 218.1	0.04	0.02	MG/L	02/17/93	JE
COPPER EPA 220.1	0.070	0.010	MG/L	02/17/93	JΕ
LEAD EPA 239.1	0.16	0.05	MG/L	02/17/93	JΕ
MERCURY METHOD 245.1	(0.0012)	0.0002	MG/L	02/17/93	JΕ
NICKEL EPA 249.1	0.03	0.02	MG/L	02/17/93	JΕ
PREP - AQUEOUS DIGESTION			<u>.</u>		
SILVER EPA 272.1	BDL	0.010	MG/L	02/17/93	JE
ZINC EPA 289.1	0.308	0.005	MG/L	02/17/93	JE
Sample: O3A #3 SAMPLE	02/05 1300 Col	lected: 02/05/	93		
· ·					
		Detection			
Test Description	<u>Result</u>	<u>Limit</u>	<u>Units</u>	<u>Analyzed</u>	<u>By</u>
CADMIUM EPA 213.1	0.006	0.005	MG/L	.02/17/93	JE
CHROMIUM EPA 218.1	0.05	0.02	$\mathtt{MG/L}$	02/17/93	JΕ
COPPER EPA 220.1	0.055	0.010	MG/L	02/17/93	JΕ
LEAD EPA 239.1	0.20	0.05	MG/L	02/17/93	JE
MERCURY METHOD 245.1	(0.0016)	0.0002	MG/L	02/17/93	JE
NICKEL EPA 249.1	0.05	0.02	$\mathtt{MG/L}$	02/17/93	JE
PREP - AQUEOUS DIGESTION	_	•	· -		
SILVER EPA 272.1	BDL	0.010	MG/L	02/17/93	JE
ZINC EPA 289.1	0.544	0.005	MG/L	02/17/93	JE

CDF000399

THES DON'T LIVE WADSWORTH LASS

WADSWORTH ANALYSIS OF OURS SHOWN MERCURY
AT NON DETECT

DAN SAID THEY WOULD HAVE SHUT US DOWN
BEFORE BUT THEY DIDN'T PUALIZE THE
BLACK STUFF WAS FROM CDF. - THEY
CHECKED A LINE CROSSING PORRY BUT IT
WAS THE WRONG LINE. DUR SURVER LINE
BETONCS TO THE COUNTY & THEY (MASSILLAND)
DIDN'T KNOW WHORE IT WENT

755 (70 TAR SUSPENDED SOZIDS)
300 Cimin
2/4-1109 mg/L 2/5-1202
1/7 2455 2/7-1500
2/10 1162 2/8 2400

MASSILLOW MERCLES CIMIT . 2 PARTS /BILLION
WHICH IS ALSO THE DUTGET LIMIT

WE SHOWED DAN THE MATIL & HAD IT ANALYZED BEFORE WE SIMETED.

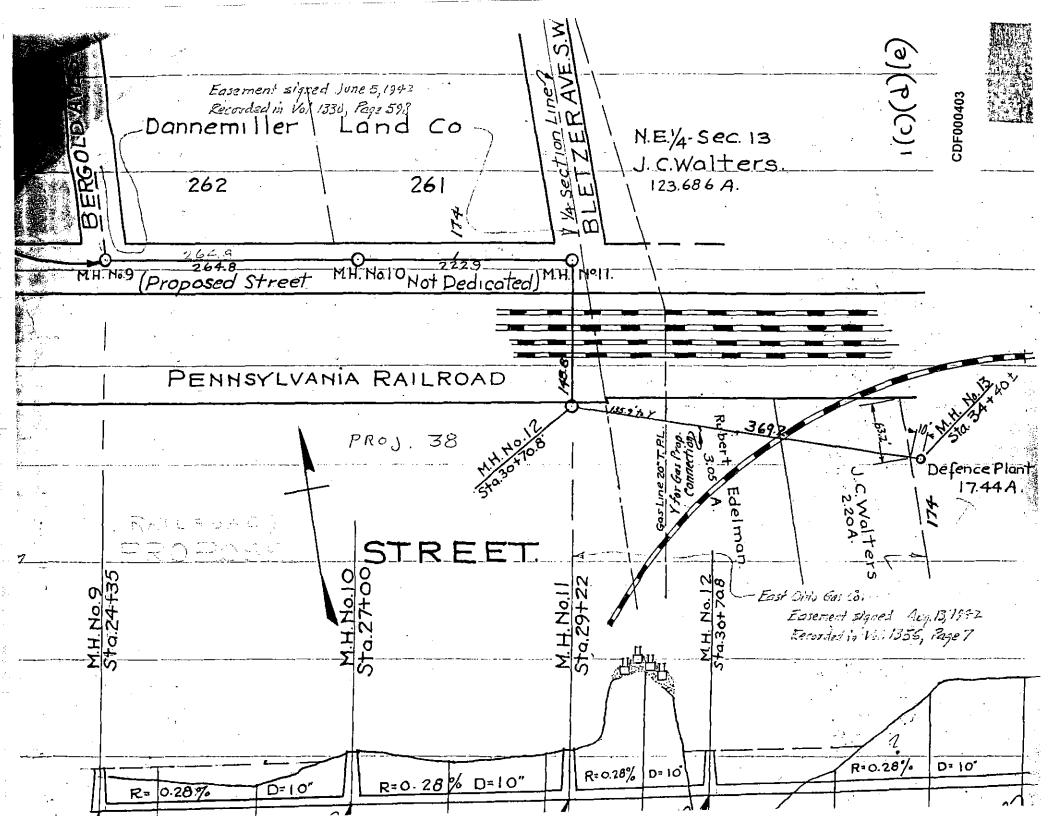
EPA WILL DE FINING MOM 18000 \$ THOY WILL BO CLUTING SOMO BASS

DAN SAD THAT IF HALTER KNOW IT WAS FROM A SCRUBBER OPERATION HE NEVER WOULD HAVE APPROVED IT.

```
. 2 PPB 13 Limit & Detectimin
                    1.6 PPB
.0016 mg/L
                   ,0016 PPM
.0016 mg. 16 .2642 gal 1 GRAM 1000mg 1602 WK
. 00005 1b/week
10016 mg . 3,785 L. g . 02 . 16 = 1,335 x108 16 gal
.002 07/10,000 gal
EAST OHIO'S MANHOLE - SAMPLING POINT
 NERY BLACK - VOLUME WAY IP
MERCIES IN COME O
                                   $18,000 pors 3
HALTER THOUGHT SOFTERING OPERATION
  . 2 PARA BILLION - MASS. CIMIT
 Susperson Socios
                                    * BAD
  4 Fes 1109 mg/L (PPM)
                                       CDF000402
         300 Limit ON T.S.S.
 WATER SOFTENING OPERATION & SURGE
           1202
           1500
                      PLANT TURNED BLACK BOFFER
          2100
```

LING TURN BOTOGE PERRY SO NOT SURN BUTONG - HO WOULD HANT SINT PON

2455



# Notice of Completion of Connection (c)(d)(e)

County of Stark, Sanitary Engineering Department.	Permit No 8/3
	an-Genod Sewer District No. 9
Property of Defense	Plant Corp. being Lot No aceragen
acerage N.E./4So	20,13 Addition on Northside Ganton-Ma
Street, between Paff	Rd/Street and Perry Rd/Street.
permit mentioned and as shown on the	ribed has been completed in accordance with the terms of the
No 1	Licensed Drain Layer.
	Penna R. R.
	(End of County Inspect
M. H. Flow	M. H.) sanitary Sewer 10"  Built By P.E. Bickel
No 12	No 13 Built By P.E. Bickel
Nest pr	
operty	Drop Forge Plant Mi
Line	
<b>!</b>	CDF000404
Date of tapping Jan./	1943 In spected and accepted Jan. 1 194
Sizes and locations checked as c	orrect on sketch.
	MVC. Baker Inspector.

THE CITY OF MASSILLON, OHIO

RECEIVED

DEC 3 1993

**CANTON DROP FORGE** 

(216) 830-1700

tor of Public Safety & Service

layor Francis H. Cicchinelli, Jr.

Bill H. Hamit — 830-1702

Public Service 830-1701

/ Engineer/Planning Director obert F. Wagoner — 830-1722

ssistant Planning Director Aane Aaby — 830-1721

Chief Building Official William L. Kraft — 830-1724

ewater Treatment Department Manager/Superintendent Ronald L. Halter — 833-3304

Chief Of Police nnls O. Harwig, Sr. — 830-1762

Fire Chief
mmy R. Matthews — 833-1053

Health Commissioner omas K. Ellis, M.D. — 830-1710

al Employment Opportunity/ Minority Business Edward W. Grier — 630-1716

Park Superintendent Brian E. Gehring — 830-1703

Chief Electrician oward E. Bennett — 832-1176

Youth Director
onstance Ledwell — 837-3137

Senior Citizens Director lancy A. Johnson — 837-2784

Fair Housing Compliance Officer Lois J. Roush — 830-1717

ncome Tax Administrator ichard E. Bordner -- 830-1709

Data Center Chief nberly A. Eisenbrei — 830-1708 November 28, 1990

City of Massillon Wastewater Treatment Department 2695 Erie Street South / Massillon, Ohio 44646 '

#### Gentlemen:

On July 24, 1990, the USEPA revised the General Pretreatment Regulations at 40 CFR 403, in response to the recommendations of the Domestic Sewage Study. These revisions were originally proposed on November 23, 1988, and became effective on August 23, 1990.

As a result of these revisions, all industries which discharge wastewater to the collection system of the City of Massillon Wastewater Treatment Department are required to notify their P.O.T.W., Ohio EPA and USEPA, Region V by February 23, 1991, if their industry disposes of any RCRA listed or characteristic hazardous waste(s) by discharging it into the P.O.T.W.

Exempt from this notification requirement are those industrial users who discharge 15 kilograms (33 lbs.) or less per month of non-acute hazardous waste.

The I.U. is also required to certify that they are implementing a program to reduce the amount of hazardous waste generated.

These requirements are a one-time notification. Addresses for notification are listed below.

If you have any questions, please feel free to contact Dan Ackerman at this telephone number: 833-3304.

JPB BAHSE LLS

Massillon Municipal Government Center 100 City Hall Street, S.E. Massillon, Ohio 44646

CDF000405

Mayor Francis H. Cicchinelli, Jr.

(216) 830-1700

Director of Public Safety & Service

Bill H. Hamit — 830-1702

Public Service 830-1701

City Engineer/Planning Director Robert F. Wagoner — 830-1722

Assistant Planning Director
Aane Aaby — 830-1721

Chief Building Official William L. Kraft — 830-1724

Wastewater Treatment Department Manager/Superintendent

Ronald L. Halter — 833-3304

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Dennis D. Harwig, Sr. - 830-1762

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Fair Housing

Compliance Officer Lols J. Roush — 830-1717

Income Tax Administrator

Richard E. Bordner — 830-1709

Data Center Chief Kimberly A. Eisenbrei — 830-1708 September 19, 1990

City of Massillon Wastewater Treatment Department 2695 Erie Street South Massillon, Ohio 44646

Mr. James A. Renie Materials Manager Canton Drop Forge 4575 Southway Street S.W. P.O. Box 6902 Canton, Ohio 44706

Dear Jim,

After discussions with Mr. Ronald Halter, Manager/Superintendent at the Massillon WWTD and visual inspection of the new discharge point for your water softening operation, this office grants permission to discharge lime water from your water softener to the sanitary sewer.

If you have any other questions, please feel free to call Mr. Halter or myself.

Sincerely,

Dan Ackerman

Chief Insepctor

Industrial Pretreatment

cc: Ron Halter

CDF000406

Massillon Municipal Government Center 100 City Hall Street, S.E. Massillon, Ohio 44646

DEC 3 1990

CANTON DROP FORGE

November 28, 1990 Page 2.

Thank you for your cooperation in this matter.

Sincerely,

Daniel M. Ackerman Chief Inspector

Industrial Pretreatment

#### P.O.T.W.

City of Massillon Wastewater Treatment Department 2695 Erie Street South Massillon, Ohio 44646

#### OHIO EPA

Ohio Environmental Protection Agency Data Management Section Division of Solid and Hazardous Waste Management 1800 WaterMark Drive P.O. Box 1049 Columbus, Ohio 43266-0149

Telephone: (614) 644-2917

#### USEPA, REGION V

United States Environmental Protection Agency, Region V Director, Waste Management Division 230 South Dearborn Street Chicago, Illinois 60604



# Ohio Department of Natural Resources

DIVISION OF WATER
Fountain Square - Columbus, Ohio 43224 · (614) 466-4768

June 3, 1980

Re: Industrial Water Use Survey; Estimated for 1978

Dear Sir:

In July of 1979, this office forwarded a request for your cooperation in providing water information for use in a statewide inventory.

In the event you may have not received the inquiry form, a copy is enclosed for your use.

Please complete the enclosed questionnaire relative to water use in 1978 and return it to this office. For your convenience a stamped self-addressed envelope is enclosed.

Appreciatively,

Toney R. Rudnick

Community Water Services Unit

Toney R. Budnick

TRR/ww enclosures

In 2.1 Wath Disease 2012 Report Cottol, Wile

CDF000408



DIVISION OF WATER IN COOPERATION WITH UNITED STATES GEOLOGICAL SURVEY

# INDUSTRIAL WATER USE IN OHIO; ESTIMATED FOR 1978

#### MANUFACTURING PLANT

ATTN: Toney R. Rudnick

LOCATION	A.	Mailing Address:  The Canton Drop Forgin  Name & Mfg. Co.	ng Street 4575 Southway St. S.W.
			CountyStarkzip 44706
, V.	В.	Business status in 1978:  1. Number of days of operation in 1978  2. Average number of employees in 197	/16
	C.	Location of plant: (Please prepare sepa PLANT #2 The Canton D Name <u>Forging &amp; Mfg. Co</u> Town <u>Canton</u>	Street 4575 Southway St. S.W.
II RESPONDENT	A.	Information furnished by:  Name <u>Carl F. Cavender</u> Date <u>June 11</u> , 1980	
· .	NOT	<ul> <li>E: If water use is less than 1,000 gallons page and return.</li> <li>Please answer all applicable items in The basis for this request is covered.</li> </ul>	n this report. ESTIMATE if necessary.

4101.05, and 4101.10 of the Ohio Revised Code.

III	MUNICIPAL	A. Does your establishment purchase water? Yes Down
	AND/OR	1. Name of supplier.
	PRINCIPAL	2. Check type of supplier: Municipality   Private Water Company
:	WATER	Water District □ Industrial Plant □ Other □
	SUPPLY	
		B. Supply source of purchased water in 1978:
		Total amount of water used from this supply.
		gallons (On municipal water bills MCF means thousand-cubic feet. If your records
		are in cubic feet, please multiply by 7.5 to convert to gallons.
		Example: $8 \text{ MCF} = 8 \times 1,000 \times 7.5 = 60,000 \text{ gallons}$ ).
	•	2. Maximum amount of water used from this supply in 1 day
		3. Total days water used from this supply.
		4. Lake Erie □ Ohio River □ Inland Surface □ Underground □
	:	
_	<del> </del>	ı
IV	SELF-	A. Surface-water source in 1978:
	OPERATED	1. Total amount of water used from this source
	WATER	2. Maximum amount of water used from this source in 1 day.
	SUPPLY	3. Total days water used from this source.
		4. Name of surface-water source.
		B. Ground-water source in 1978:
		1. Total amount of water used from this source.
		2. Maximum amount of water used from this source in 1 day. 432000 gallons
		3. Total days water used from this source244
		4. Number of wells used1Number on standby1
		5. Has groundwater level: Risen 🗆 Fallen 🗅 Remained unchanged 🗅
		Don't know X

V INDUSTRIAL	A. Major product or service. <u>Forgings</u>	
WATER	B. Standard Industrial Classification Number (4-digit	SIC). 3462
USE	C. Gross amount of water used. 72612000 gal  (Combined total amount of water used from Municistations of water supply. See items III-B1, and IV-A1	
	D. Percent of gross amount of water recirculated or re	used 10 %.
	E. Water supply is used for:	Percent of gross amount of water used
	1. Processing (all water coming directly in contact with products)  2. Boiler feed  3. Air conditioning  4. Sanitary services (Estimate 30 gallons per employee per day.)	ESTIMATED
	5. Cooling and condensing (For electric power generation only.)  6. Other cooling and condensing	% % %
	TOTAL	100.0 %

			<del></del>
VI	WATER	A. Municipal or private sewer system	
	DISPOSAL	1. Name of sewer system <u>Massillon Sanitary</u> Sewer	Percent of total
	DISCHARGE,	2. Name of stream or lake receiving discharge from	amount of water
	OR	this system. <u>do not know</u> .	discharged
	RETURN	3. Total amount of water discharged to this system in	
		1978. <u>3045120</u> gallons	_12.9_%
		B. Self-operated disposal system	
		1. Total amount of water discharged to the system in	
		1978. 20158644 gallons	<u>87.1</u> %
1		C. Self-operated water disposal discharged to: Private Lake with no	
		1. Stream or lake. Outlet. (stream or lake)	87.1 %
		2. Evaporation ponds	<u> </u>
		3. Settling lagoons(number of lagoons)	%
	:	4. Disposal wells(number of wells)	%
		5. Other(please specify)	%
VII	GENERAL	1 A M	
V II	GENERAL	A. Measuring method for water supply: Metered F  Estimated X .	'ump capacity
		B. Is water quality information available for water supply?	YesXNo
		C. Measuring method for discharged water: Metered  Estimated X .	_Pump capacity
	·	D. Type of waste-water treatment: Primary Secon	dary
		E. Is waste-water quality information available? Ye	s No _X
		F. Discharge permit issued bynone	(Agency)

45 OHIO BEFAREMENTS BUILDING
45 SOUTH FRONT STRUCT
COLUMBUS, ONIO 43715
469-2646

Mailing Address	Name The Conta Drop F	roing & MR Co Industr	141 Code No. SIC 339
	County St.k	State	Ohie
Business Status	Out of Business	Temporary Shut-Down	Other Active
Location Of Plant	# 4575 Southwere Sain	(city)  Map Index	STARK (county)
Number Of Employees	5. Days of Operation Per Year		45
Public Supply	a. Total Use:	Annual;	MDD (
•	b. Total Days Water Used F. c. Supplying Agency:	row This Source:	Days (location)
	d. Source:*		07. O7.
Private Supply	a. Total Use: 73 one b. Total Days Water Used F c. Surface Water:	Foa Tous Source:	143.3 NOS
	d. Location of Intake:	(nate)	
	f. Ground Water Use g. Total Number of h. Type of Storage Stand	Wells a Num	ber in Use / /
Amount Returned	Public: Sever System; 3	800 oen Annual	13.6 120
	Private: Lake	MCD Pond_	(name) YAD
	Stream None (name)	MCD Wells	(number)
. Type of Water Use	Type Mot	of Use	Water Demands; Miximum Daily 262.6 MOD
Le la company de	c. Power Plant Resder d. Processing	-0 41,2	Per Plant (100) Per Employee (100)
Lo.	(plus vach vater)  e. Air Conditioning  f. Other Seatter 12		Nater Re-use Estimated Amount Per
2	Total / 24	3.3 100.0	Operating Day Non- MCD
2. Dature Uses ani - Comments	supply, water demands, s		t expansion, etc. 🔸

CDF000413

DO NOT OMIT ANY ITEMS IN THIS REPORT. ESTIMATE IF MECESSARY.

Source: LE - Lake Erie; IS - Inland Surface; - WG - Underground; - OR - Ohio River.

Information Furnished By \_\_\_\_ Tit

Date

1971

DIS UNIO DEPARTMENTS HATTOMS
65 SOUTH FRONT STREET
COLUMBUS, ONIO 43215

Orig: AR Rudnick cc- OFO & WFB

1.	Mailing Address	NameCanton Drop Forging&Mfg. Co. Industrial Code NoSIC3391 Address 4575 Southway St. S.W Canton, Ohio County Stark State Ohio	
2.	Dusiness Stable	Out of Business Temporary Other Active Shut-Down	
3.	Location of Plant	(street sadress) (city) (county)  Basin Map Index	
4.	Number 0: Employees	5. Days of Operation Per Year 242 to 245	<b>i</b> .
6.	Public Supply	A. Total Use: None Annual; MED	
	•	b. Total Days Water Used From This Source: Days c. Supplying Agancy: (Dame) (location)	= 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1
	<del></del>	d. Source:* IE IS W CR	*
7.	Private Supply	a. Total Use: 73,000,000 Annual; 243.3 WDD  b. Total Days Water Used From This Source: Apprix. 300 Days  c. Surface Water: None WDD	
		d. Location of Intake: Not Applicable	
		f. Ground Water Use: 73,000,000 Annually: 243.3 mg. g. Total Number of Wells 2 Number in Use 1 h. Type of Storage Standpipe Quantity 100000gals.	
8.	Atount Returned	Public: Sewer System, 3,800,000 Annual 12.6 x23	
	-	Private: Lake MCD Pond 100 MCD (name)	
	· .	Stream None MCD Wells None MCD (number)	
9.	Type of Water Use	Type MCD of Use  a. Boiler Feed 130.7 52.7 b. Cooling Purposes 100.0 41.2 c. Power Plant Needs - Per Employee COD d. Processing (plus wash water) c. Air Conditioning - Cother Sanitary 12.6 6.1 Total 243.3 100.0 10. Water Demands; Maximum Daily 262.6 MCD Per Plant Total 10. Water Demands; Maximum Daily 262.6 MCD Per Plant Total 10. Water Demands; Maximum Daily 262.6 MCD Per Plant Total 262.6 MCD Per Plant Total Total Per Employee COD	EUCONT by the representation and annual section of the representation of the representat
12.	Future Use and • Comments	supply, water demands, source, employees, plant expansion, etc.	מאו נואמ

\* Source: IE - Lake Erie; IS - Inland Surface; - W - Underground; - OR - Ohio River.

DO NOT OMIT ANY ITEMS IN THIS REPORT. ESTIMATE IF MECESSARY.

CDF000414

1/17/2001 15 GAL & 60 MID & 24 HR = 21600 GAL/DAY

1-2 GPM

3/16/01 2 GAR X 60 RZ4 = 2880 GAR/DAY

IF HOTE (SOO BACKNASH 1800 BRING&RING)
AMERIWATER ESTIMATE 4100 GALLORY



1(c)(9)(e)

3/16/01

#### Service Report - by G. J. Crits

#### From:

Idreco USA Ltd.
24 Hagerty Blvd., Suite 9
West Chester, PA 19382
Ph: 610-701-9944
Fx: 610-701-9575
Info@idrecousa.com

To:

Canton Drop Forge 4575 Southway Street S.W. Canton, OH 44706 Ph: 330-477-4511 Fx: 330-477-2046

<u>Re:</u>

Cochrane 1942 Vintage Hot Process Softener (HPS) S.O. 1750-42, dwg.# G-1193
Downflow Sed. tank- 12' Dia., 16,000 gph

#### Attendees Present:

George Crits, Geoff Quinn (Idreco)
Kenth Houseknecht, Richard Brigham (Canton Drop Forge)
Charles Lyle & Jonathan (AMCO Energy Management Tech)

#### Problem:

General operating problems including; thruput, carry-over, undue scaling of inlet water section, vent, lime feeding, etc. General review of chemistry & operations was required.

#### Notes:

- 1. The HPS is a 12' dia, simple downflow type with a DA section rated at 16,000 gph, operating at 6-7 psi with steam supplied from drop forge exhaust operations. There is no vent condenser. This HPS is shut down over the weekend and the temperature drops to about 120 °F. Off hand this is not a problem, since the lime processes are quite effective even at 120 °F, however Ca(OH)<sub>2</sub> solubility is somewhat higher at the lower temperatures. But still Ca conc. should be below 50 ppm as CaCO<sub>3</sub>. Of course on starting up, a colder makeup to the boilers are seen. The HPS can be operated at reduce pressures (2-3 psi) if desired and would not affect the chemistry or operating parameters. Only the feedwater to the boilers would be lower in temperature. Desludging is continuous at 1-2 gpm, and a full blow is performed once a shift.
- 2. The influent to the HPS is from two wells: one at 1,000 mmhos and the other at 500 mmhos, producing a blend about 750 mmhos. The mixture is not constant and this does not fair well with a steady HPS operation as far as the chemistry & scaling is concerned. It is best to use the better well (500 mmhos) on base loading and add the other as required. The influent water conductivity should be measured and logged regularly so

330 10- 3600

#### **METROPOLITAN SEWER DISTRICT**

1701 Mahoning Rd. N.E. P.O. Box 7906 CANTON, OHIO 44705-7906

COMPANY NAME: Canton Drop Forging & Mfg. Co.

MAILING ADDRESS: 4575 Southway SW, Canton, Ohio 44706

SERVICE FEES FOR: May Service

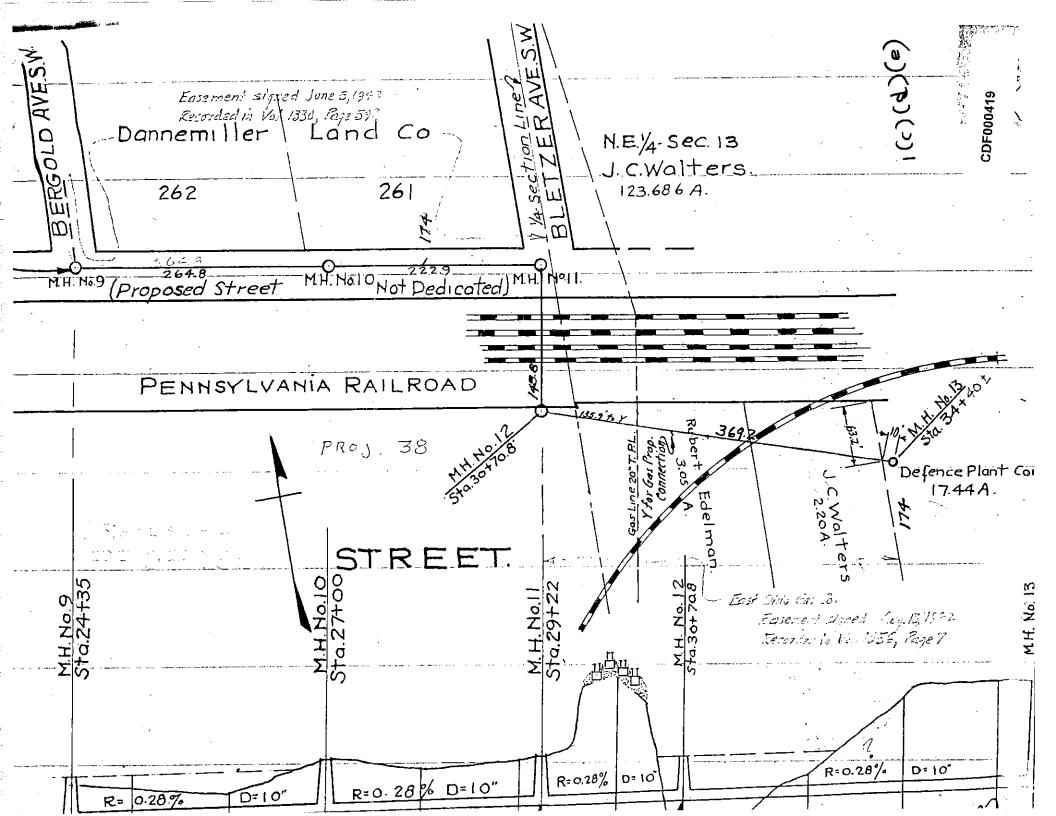
Make all checks payable to the STARK COUNTY TREASURER and mail, with YELLOW copy, to the STARK COUNTY SANITARY ENGINEER. nnn

Description	NET	GROSS
Sanitary Sewer Service for May, 2001		
Office 8 Toilets/Urinals x \$19.82	\$158.56	
		\$174.42
Plant Employees 237 x \$3.60 =	\$850.20	
Note: Plant Employees Includes \$3.00 Overpayment of Invoice 470B		
Dated 5/7/01		\$935.52
Hot Process Water Discharge (25 GPM) (2) (10 Hr. Day)(60 Min./Hr.) =		
30,000 Gal/Day x 20 Days = 600,000 Gal:- 1000 = 600		
600 x 1.42	\$852.00	
600 x 1.56		\$936.00
Net amount to be paid if postmarked or delivered by June 25, 2001.		
After that date, please pay gross amount.		
Total Net	\$1,860.76	
Total Gross		\$2,045.94
IOLAT GLOSS	CDF000417	

Date of tapping Jan. 1. 1943 In spected and accepted Jan. 1. 1943

Sizes and locations checked as correct on sketch.

Mrc. Below
Inspector



JUL 18 1991

# **CANTON DROP FORGE**



CROSSROADS OF OHIO

AT THE INDUSTRIAL

Mayor Francis H. Cicchinelli, Jr.

(216) 830-1700

Director of Public Safety & Service Bill H. Hamit — 830-1702

> Public Service 830-1701

City Engineer/Planning Director Robert F. Wagoner — 830-1722

Assistant Planning Director Aane Aaby - 830-1721

Chief Building Official William L. Kraft - 830-1724

Wastewater Treatment Department Manager/Superintendent Honald L. Halter - 833-3304

Chief Of Police Dennis D. Harwig, Sr. - 830-1762

Fire Chief Tommy R. Matthews - 833-1053

Health Commissioner Thomas K. Ellis, M.D. - 830-1710

Equal Employment Opportunity/ Minority Business Edward W. Grier - 830-1716

> Park Superintendent Brian E. Gehring -- 830-1703

Chief Electrician Howard E. Bennett - 832-1176

Youth Director Constance Ledwell — 837-3137

Senior Citizens Director Nancy A. Johnson - 837-2784

Fair Housing Compliance Officer Lois J. Roush - 830-1717

Income Tax Administrator Richard E. Bordner - 830-1709

Data Center Chief Kimberly A. Eisenbrei - 830-1708 July 17, 1991

City of Massillon Wastewater Treatment Department 2695 Erie Street South Massillon, Ohio 44646

#### Gentlemen:

On April 26, 1991, The City of Massillon Wastewater Treatment Plant was impacted by a heavy discharge of cyanide. This discharge caused the Wastewater Treatment Department to violate it's NPDES Permit.

Although the City is not pointing a finger at any particular company, please be advised that the Ohio Revised Code and USEPA regulations provide for both civil and criminal penalties for the intentional dumping of toxic pollutants into the sewer.

Companies are also required to notify the P.O.T.W. immediately of any accidental discharge of a toxic pollutant.

Any company discovered to be dumping toxic pollutants into the collection system of the City of Massillon Wastewater Treatment Department will be prosecuted to the fullest extent of the law.

This department has increased it's sampling and monitoring of all industries regulated under the City's approved Industrial Pretreatment Program.

In addition we have also increased substantially our surveillance of ALL industries which discharge to our collection system. This will include random sampling of main sewer lines on afternoon and midnight shifts.

If you have any questions as to what your companies obligations are, please contact me at 833-3304.

Sincerely,

Wastewater TReatment Department, I.P.T. Division

cc: Bill Hamit, Safety-Service Director Ronald Halter, Manager/Supt., WWTD

> Massillon Municipal Government Center 100 City Hall Street, S.E. Massillon, Ohio 44646

CDF000420

-18-91



November 12, 1991

Mr. Daniel M. Ackerman Chief Inspector Industrial Pretreatment Division City of Massillon 100 City Hall Street Massillon, Ohio 44646

Ref: Letter April 30, 1991

Dear Mr. Ackerman.

Starting on or about December 2, 1991, Canton Drop Forge will be operating a coal boiler for an estimated time of five weeks. Use of the coal boiler will allow repaires to be accomplished on a gas fired boiler. Operation of the coal boiler will require discharge of approximately 4000 gallons per week of water contaminated with lime from the scrubber operation.

We would like to have your approval to discharge this material to your facility. This discharge will be equivalent to the approved discharge which occured in May of this year. Please call me if you need any additional information. Thank you for your consideration of this request.

Sincerely,

Keith J. Houseknecht

Manager, Plant Engineer

KJH/kah



December 27, 1991

Mr. Daniel M. Ackerman Chief Inspector Industrial Pretreatment Division City of Massillon 100 City Hall Street Massillon, Ohio 44646

Ref: Letter November 12, 1991

Dear Mr. Ackerman,

The projected starting date for repairs to our gas fired boiler has been changed from December 2, 1991 to January 6, 1992. This change was caused by unavailability of personnel due to production requirements.

The estimated running time for the coal boiler remains at five weeks. Please call me if you need any additional information.

Sincerely,

Keith J. Houseknecht

Manager, Plant Engineer

KJH/kah

CDF000422



February 10, 1992

Mr. Daniel M. Ackerman Chief Inspector Industrial Pretreatment Division City of Massillon 100 City Hall Street Massillon, Ohio 44646

REF: Letter December 27, 1991

Dear Mr. Ackerman:

This letter is to confirm our verbal request and your approval of two (2) additional weeks of discharge from our scrubber operation. This additional time will allow us to bring our boiler #3 up to operating temperature slowly during the week of February 10, 1992. During the week of February 17, 1992 boiler #2 will be inspected.

Thank you for the EPA information you sent to me in early February. Your concern for Canton Drop Forge is appreciated. Please call me if you need any further information on our operations.

Sincerely,

Keith J. Houseknecht

Manager, Plant Engineering

KJH/kah

CDF000423

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February 10, 1992

Mr. Daniel M. Ackerman Chief Inspector Industrial Pretreatment Division City of Massillon 100 City Hall Street Massillon, Ohio 44646

REF: Letter December 27, 1991

Dear Mr. Ackerman:

This letter is to confirm our verbal request and your approval of two (2) additional weeks of discharge from our scrubber operation. This additional time will allow us to bring our boiler #3 up to operating temperature slowly during the week of February 10, 1992. During the week of February 17, 1992 boiler #2 will be inspected.

Thank you for the EPA information you sent to me in early February. Your concern for Canton Drop Forge is appreciated. Please call me if you need any further information on our operations.

Sincerely,

Keith J. Houseknecht

Manager, Plant Engineering

KJH/kah

THE STREET STREE

1(c)(g)(e)

1. DRIVE WHEEL DIA NORTH + 3/16" DIA OVER SOUTH CORRECT TO 182 MAY DIFF. 2 CORRECT N.W IDCER INSIDE ADES 2. CORRECT STAN DICER INSIDE AND ALLE

5-4-92

Called Dan Ackerman a court
running our weal bailer for Loveke
sharling today. He said ny problem
the will tell his bose. If there is a
problem he will tel un know, He
said jut was not recessary to back up
with a letter from me to him.



February 11, 1992

Mr. Daniel M. Ackerman Chief Inspector Industrial Pretreatment Division City of Massillon 100 City Hall Street Massillon, Ohio 44646

Dear Mr. Ackerman:

In the last twelve months we have operated our coal boiler and scrubber for several weeks. Each time we operated this system we requested permission from you to discharge to the sanitary sewer system. To the best of my knowledge this mode of operation has been trouble free.

To remain competitive in the market place we are always reviewing our operating cost and looking for cost savings. In the event that coal was shown to be a significantly less expensive fuel for steam generation than natural gas, we would want to use coal continuously. Your ability to handle this discharge is a factor in the decision to burn coal or gas.

Realizing that we may not take advantage of this service, please consider giving us permission to discharge as we have in the past but on a continuous basis. Please call me if you have any question or if I can help in the process of considering this request.

Sincerely,

Keith J. Houseknecht

Manager, Plant Engineering

KJH/kah

1(c)(d)(e)

# AMERICAN WASTE SERVICES INC.\_\_\_\_

One American Way

Warren, Ohio 44484-5555

(216) 856-8800

PLEASE DELIVER THE FOLLOWING PAGE(S) TO:

NAME:	KEITH HOUSEKNECHT	
LOCATION:		<del></del>
DATE:	25 APRIL 91	
FROM:	KRIS CODER	
LOCATION:	AVALON / WARREN, OH	<u>.                                    </u>
TOTAL NUMBER OF	PAGES (NOT INCLUDING THIS (	COVER PAGE)
IF YOU DO NOT RE	ECEIVE ALL THE PAGES PLEASE CALL BACK	AS SOON AS
POSSIBLE.		

PHONE: (216) 856-8800

FAX: (216) 856-6988

NAME: AMERICAN WASTE SERVICES, INC.

INFO AS REQUESTED

# AMERICAN WASTE MANAGEMENT SERVICES INCORPORATED WASTE DISPOSAL CERTIFICATION STATEMENT

<b>~</b> ^ *		A	CERTIF			
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	-	11111			T L (-3.9.4	

ITEM #1 MUST BE CERTIFIED BY ALL GENERATORS. CONSULTANTS, BROKERS OR OTHER THIRD PARTIES MAY SIGN IF A LETTER OF AUTHORIZATION FROM THE GENERATOR IS SUBMITTED WITH THE WASTE DISPOSAL QUESTIONNAIRE. ITEM #2 MUST ALSO BE CERTIFIED BY ALL GENERATORS OR AN AUTHORIZED REPRESENTATIVE AS PROVIDED ABOVE.

ITEMS #3 - #6 ARE CERTIFICATION STATEMENTS WHICH MAY OR MAY NOT APPLY TO THE WASTE STREAM UNDER REVIEW FOR APPROVAL. PLEASE CHECK THOSE STATEMENTS WHICH REQUIRE CERTIFICATION. IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT YOUR TECHNICAL SALES REPRESENTATIVE.

1. • I HEREBY CERTIFY THAT ALL INFORMATION ON THIS FORM IS COMPLETE AND FACTUAL (INCLUDING ATTACH-ED INFORMATION) AND IS AN ACCURATE REPRESENT-ATION OF THE WASTE TO BE DISPOSED. 2. \_\_\_\_ > I HEREBY CERTIFY THAT THE WASTE DESCRIBED IN THE ATTACHED WASTE DISPOSAL QUESTIONNAIRE IS NOT A LISTED HAZARDOUS WASTE PURSUANT TO 40 CFR 261.31, 261.32 AND 261.33. FURTHERMORE, THE DESCRIBED WASTE IS NOT A MIXTURE OF A LISTED HAZARDOUS WASTE OR RESIDUE DERIVED FROM THE TREATMENT OF A LISTED HAZARDOUS WASTE. ► I HEREBY CERTIFY THAT THE CONTAMINATED SOIL DESCRIBED IN THE ATTACHED WASTE DISPOSAL QUESTIONNAIRE WAS OR WILL BE GENERATED AS A RESULT OF EXCAVATION AND REMOVAL OF AN UNDER-GROUND STORAGE TANK REGULATED PURSUANT TO 40 CFR 280 ET SEQ., (RCRA SUBTITLE I). ▶ I HEREBY CERTIFY THAT TO THE BEST OF MY KNOW-LEDGE THE DEMOLITION MATERIALS DESCRIBED IN THE ATTACHED WASTE DISPOSAL QUESTIONNAIRE DO NOT CONTAIN ASBESTOS OR WOOD WASTES WHICH WERE ORIGINALLY TREATED WITH PENTACHLOROPHENOL OR CRESCLS. ▶ I HEREBY CERTIFY THAT BASED UPON MY KNOWLEDGE OF THE WASTE STREAM AND MANUFACTURING PROCESS DESCRIBED IN THE ATTACHED WASTE DISPOSAL QUES-TIONNAIRE, THE WASTE IS NOT CHARACTERISTICALLY HAZARDOUS FOR PESTICIDES AND HERBICIDES PURSUANT TO 40 CFR 261.24. ► I HEREBY CERTIFY THAT ALL DRUMS OFFERED FOR DISPOSAL MEET THE DEFINITION OF AN EMPTY CONTAINER PURSUANT TO 40 CFR 261.7 AND

DISPOSAL MEET THE DEFINITION OF AN EMPTY
CONTAINER PURSUANT TO 40 CFR 261.7 AND
HAVE BEEN TRIPLE RINSED.

NAME	(PRINT OR TYPE)	SIGNATURE	
TITLE		DATE	

1(c)(d)(e)



### CANTON DROP FORGE

August 6, 1990

Massillon Sewer Dept. 100 City Hall Street S.E. Massillon, Ohio 44646

Attention: Mr. Ron Halter

Dear Mr. Halter:

Enclosed is the additional information that you requested.

- 1) The Volume is estimated at 5,000 gals. per week.
- 2) Initial P.H. (Per Wadsworth Laboratories) is 9.9%.
- 3) Initial P.H. Solid (Per Wadsworth Laboratories) is 9%.
- 4) Explain the Water Softener Condition Process. (See attachment). This water has no contact with our Manufacturing process. It is merely a water treatment operation.

We would like to dispose the water/lime into the sewer. Please advise me if you need any more information.

Best Regards,

J. A. Renie

Manager - Materials

JAR/cmp

Enclosures



COMPANY: CANTON DROP FORGE

LAB #: 6797-55215 MATRIX : SLUDGE

SAMPLE ID: #3 - WATER SOFTNER LIME 3-27-90

AHALYTICAL REPORT

PARAMETER	PREPARATION - ANALYSIS DATE	result	DETECTI LIMIT	
Cyanide Reactivity Cyanide Flash Point (COC)	3/30/90 4/ 6/90 3/30/90	ND ND >180	10 0.5	mg/kg mg/kg deg F
pH - Solid Sulfide Sulfide Reactivity	3/28/90 3/29/90 3/30/90	9 ND ND	50 50	su mg/kg mg/kg

NOTE: ND (None Detected)

DATE RECEIVED: 3/28/90



COMPANY: CANTON DROP FORGE

LAB #: 6797-55215 MATRIX : SLUDGE

SAMPLE ID: #3 - WATER SOFTNER LIME 3-27-90

## METALS ANALYTICAL REPORT SELECTED LIST

Leachate testing in accordance with USEPA Manual SW846 Method 1310

EP EXTRACTION DATE: 4/ 3/90

DATE RECEIVED: 3/28/90

ELEMENT	PREPARATION - ANALYSIS DATE	RESULT	DETECTION LIMIT	
Silver	4/ 4/90	ND	0.01	mg/l
Arsenic	4/ 4- 4/ 5/90	ND	0.005	mg/l
Barium	4/ 4/90	0.76	0.01	mg/l
Cadmium Chromium Mercury	4/ 4/90	ND	0.01	mg/l
	4/ 4/90	ND	0.02	mg/l
	4/ 4- 4/ 5/90	ND	0.005	mg/l
Lead	4/ 4/90	DN	0.05	mg/l
Selenium	4/ 4- 4/ 5/90	DN	0.005	mg/l

NOTE: ND (None Detected)

Initial pH	9.9	su
Final pH	4.9	su
Amount of acetic acid used per method	200	nl

The purpose of lime is (a) to precipitate the magnesium ion from the raw water as magnesium hydroxide and (b) to convert the bicarbonate ion in the raw water to carbonate. This is shown by the following reactions:

(1) 
$$Mg^{\frac{1}{1-\epsilon}} + Ca(OH)_2 \xrightarrow{\longleftarrow} \underline{Mg(OH)_2} + Ca^{\frac{\epsilon}{1-\epsilon}}$$

(2) 
$$2(HCO_3^-) + Ca(OH)_2 \stackrel{\longleftarrow}{\longrightarrow} CACO_3 + 2H_2O + CO_3^-$$

The magnesium, for practical purposes, may be assumed to be a constant percentage of the total hardness. This percentage should be verified by occasional gravimetric analysis of the raw water.

The method of determining the lime requirements based on (a) the soap titration of the raw water from which the magnesium (Mg) is determined by factoring, and (b) a methyl-orange titration of the raw water for alkalinity (AR), is shown by Chart No. 1. (Pg. 64)

At high temperatures, the bicarbonate ion can be partially converted to carbonate by heat alone according to Reaction (3):

(3) 
$$2(HCO_3^-) \longleftrightarrow H_2O + CO_2 + CO_3^-$$

The CO<sub>2</sub> liberated is removed by the continuous flow of vent steam through the spray of heated raw water in the hot process softener.

The lime required for conversion of the bicarbonate ion to carbonate is reduced as the operating temperature increases and Reaction (3) proceeds to a higher degree of completion. At an operating temperature of 300° F., approximately 40 per cent of the bicarbonate ion is converted to carbonate by heat alone, so that at this temperature the lime required for the conversion of the bicarbonate ion to carbonate is only approximately 60 per cent of the quantity required at 210° F.

### SECTION IV

## Hot Process Water Softening

The selection of chemicals used in hot process water softening depends upon three factors:

- The quality of boiler feed water required.
- 2. The characteristics of the raw water available,
- 3. The cost and availability of chemicals.

The raw water is conditioned for boiler feed purposes to eliminate dissolved corrosive gases and to remove dissolved minerals which are (a) detrimental to efficient steam generation, in that they form a scale on boiler surfaces, resulting in overheating of the scaled parts and eventual failure, or (b) damaging to boilers and equipment, in that they cause foaming and priming, resulting in carry over of solids with the steam and eventual deposition in lines and equipment.

The raw water has dissolved these minerals from deposits with which it has come in contact.

The minerals dissolved in a raw water may be divided into two groups: (a) those present in an ionized form and (b) those present in a combined form.

- (a) The ions usually present are: Sodium, Na<sup>+</sup>; Calcium, Ca<sup>++</sup>; Magnesium, Mg<sup>++</sup>; Bicarbonate, HCO<sub>3</sub><sup>-</sup>; Sulfate, SO<sub>4</sub><sup>-</sup>; and Chloride, Cl<sup>-</sup>. The total of positive ions (cations) is equal to the total of negative ions (anions) when expressed by equivalent weight.\*
- (b) The minerals usually present in a combined form are: Silica, SiO<sub>2</sub>; Alumina, Al<sub>2</sub>O<sub>3</sub>: and Iron Oxide, Fe<sub>2</sub>O<sub>3</sub>.

In the control of a hot process water softener, all of the above factors are occasionally determined by gravimetric analysis. However, only two of the above factors must be determined by routine tests for proper control.

(a) Bicarbonate, HCO<sub>a</sub>, is determined by a methyl orange titration. This is termed an alkalinity determination.\* (b) Calcium, Ca<sup>+</sup>=, and magnesium, Mg<sup>+</sup>±, are determined by a soap titration. This is termed a total hardness determination.

It is conventional to express all alkalinity and hardness values in terms of ppm as CaCO<sub>3</sub>, and this method of expression is used throughout the following text.

#### I-HARDNESS REMOVAL

All types of water softeners are designed to remove "hardness" constituents from water to a degree depending on the quality of feed water required.

Hardness constituents are scale- or sludge-forming. They are dissolved salts of calcium and magnesium and are usually expressed as (a) carbonate hardness and (b) non-carbonate hardness. Calcium and magnesium dissolved in the raw water in the presence of bicarbonate ions constitute carbonate hardness; calcium and magnesium dissolved in the raw water in the presence of ions other than bicarbonate, usually sulfate and chloride, constitute noncarbonate hardness. If the alkalinity of a raw water is greater than the hardness, only carbonate hardness is present; if the alkalinity of the raw water is less than the hardness, both carbonate hardness and non-carbonate hardness are usually present; if the alkalinity of a raw water containing hardness is zero, only non-carbonate hardness is present. (This latter condition seldom occurs, although mine waters may be of this character, and other sources may become contaminated in such a manner that the alkalinity is destroyed.)

#### LIME AND SODA ASH REACTIONS

When the total hardness of a raw water exceeds 50 ppm and a residual hardness of the treated water of approximately 25 ppm is permissible, softening is usually accomplished by the use of lime and or soda ash.

#### Lime

The active radical in lime softening reactions is OH<sup>-</sup>, the hydroxyl ion. The efficiency of the lime in the reactions is dependent on the percentage of calcium hydroxide, Ca(OH)<sub>2</sub>, present.

Occasionally a water requiring treatment may contain the carbonate ion, in which case a phenolphthalein titration is also necessary to determine the bicarbonate alkalinity, as explained in Section V. It is assumed in the following that only bicarbonate a kalinity is present in the raw water.



COMPANY: CANTON DROP FORGE

LAB #: 6797-55215 MATRIX : SLUDGE

SAMPLE ID: #3 - WATER SOFTNER LIME 3-27-90

## METALS ANALYTICAL REPORT SELECTED LIST

Leachate testing in accordance with USEPA Manual SW846 Method 1310

EP EXTRACTION DATE: 4/ 3/90

DATE RECEIVED: 3/28/90

ELEMENT		PREPARATION - ANALYSIS DATE	RESULT	DETECTI LIMIT	
Silver		4/ 4/90	ND	0.01	mg/l
Arsenic		4/ 4- 4/ 5/90	ND	0.005	mg/l
Barium		4/ 4/90	0.76	0.01	mg/l
Cadmium	ų.	4/ 4/90	מא	0.01	mg/l
Chromium		4/ 4/90	מא	0.02	mg/l
Mercury		4/ 4- 4/ 5/90	מא	0.005	mg/l
Lead		4/ 4/90	ND	0.05	mg/l
Selenium		4/ 4- 4/ 5/90	ND	0.005	mg/l

NOTE: ND (None Detected)

Initial pH	9.9	su
Final pH	4.9	su
Amount of acetic acid used per method	200	ml



COMPANY: CANTON DROP FORGE

LAB #: 6797~55215 MATRIX : SLUDGE

SAMPLE ID: #3 - WATER SOFTNER LIME 3-27-90

ANALYTICAL REPORT

PARAMETER		PREPARATION - ANALYSIS DATE	RESULT	DETECTI LIMIT	
Cyanide Reactivity Cyanide Flash Point (COC)		3/30/90 4/ 6/90 3/30/90	ND ND >180	10 0.5	mg/kg mg/kg deg F
pH - Solid Sulfide Sulfide Reactivity	r	3/28/90 3/29/90 3/30/90	9 ND ND	50 50	su mg/kg mg/kg

NOTE: ND (None Detected)

DATE RECEIVED: 3/28/90



### **CANTON DROP FORGE**

TELECOPIER COVER SHEET

PLEASE DELIVE	TR THE FOLLOWING PAGES TO:
NAME:	MR DAN ACKEEMAN
FIRM:	MASSILLON Server Deso
CITY:	MASSILLON OH
PHONE:	
FROM:	
NAME:	LETTH HOUSERNECHT
FIRM:	CANTON DRUP FORCE
CITY:	" Otio
TOTAL NUMBER	of pages 3 including cover sheet.
WE ARE TRANSM	MITTING ON THE FOLLOWING:
DATE:	4/25/91
TIME:	2:10
IF YOU DO NOT	RECEIVE ALL PAGES - PLEASE CALL BACK AS SOON AS POSSIBLE
	TELEPHONE: (216) 477-4511 Ext.
	TELEPHONE: (216) 477-4511, Ext
COMMENTS:	TELEPHONE: (216) 477-4511, Ext



### **CANTON DROP FORGE**

April 30, 1991

Massillon Sewer Dept. 100 City Hall Street S.E. Massillon, OH 44646

Attn: Mr. Dan Ackerman

Dear Mr. Ackerman

Starting on or about May 2, 1991 Canton Drop Forge will be operating a coal boiler for two weeks. Operating this boiler will result in a need to discharge approximately 4000 gallons per week of water contaminated with lime from the air scrubber operation. A two page analytical report for the "scrubber lime" is included with this letter for your convenience.

We would like to have your approval to discharge this material to your facility. Please call me if you need any additional information. Thank you for your consideration of this request.

Sincerely,

Keith Houseknecht

Manager Plant Engineering

bcc: JAR

Encl.

KH/sc

CDF000437



COMPANY: CANTON DROP FORGE

LAB #: 6797-55214 MATRIX : SLUDGE

SAMPLE ID: #1 - SCRUBBER LIME 3-27-90

Liguid

## METALS ANALYTICAL REPORT SELECTED LIST

Leachate testing in accordance with USEPA Manual SW846 Method 1310

RP EXTRACTION DATE: 4/ 3/90

DATE RECEIVED: 3/28/90

KLEMENT		PREPARATION - ANALYSIS DATE	RESULT	LIMIT DETECTI	
Silver		4/ 4/90	ND	0.01	mg/l
Arsenic		4/ 4- 4/ 5/90	ND	0.005	mg/l
Barium		4/ 4/90	0.61	0.01	mg/l
Cadmium	ŕ	4/ 4/90	ND	0.01	mg/l
Chromium		4/ 4/90	0.03	0.02	mg/l
Mercury		4/ 4- 4/ 5/90	ND	0.005	mg/l
Lead	÷	4/ 4/90	ND	0.05	mg/l
Selenium		4/ 4- 4/ 5/90	0.01	0.005	mg/l

NOTE: ND (None Detected)

Initial pH	7.6	su
Final pH	4.8	su
Amount of acetic acid used per method	250	ml



COMPANY: CANTON DROP FORGE

LAB #: 6797-55214

MATRIX : SLUDGE

SAMPLE ID: #1 - SCRUBBER LIME 3-27-90

#### ANALYTICAL REPORT

PARAMETER		PREPARATION - ANALYSIS DATE	result	DETECTI LIMIT	
Cyanide Reactivity Cyanide Flash Point (COC)		3/30/90 4/ 6/90 3/30/90	ND ND >180	10 0.5	mg/kg mg/kg deg F
pH - Solid Sulfide Sulfide Reactivity	4	3/28/90 3/29/90 3/30/90	7 ND ND	50 50	su mg/kg mg/kg

NOTE: ND (None Detected)

DATE RECEIVED: 3/28/90



COMPANY: CANTON DROP FORGE

LAB #: 6797-55214 MATRIX : SLUDGE

SAMPLE ID: #1 - SCRUBBER LIME 3-27-90 1901

## METALS ANALYTICAL REPORT SELECTED LIST

Leachate testing in accordance with USEPA Manual SW846 Method 1310

EP EXTRACTION DATE: 4/ 3/90

DATE RECEIVED:

3/28/90

ELEMENT		PREPARATION - ANALYSIS DATE	RESULT	DETECTI LINIT	
Silver		4/ 4/90	ND	0.01	mg/l
Arsenic		4/ 4- 4/ 5/90	ND	0.005	mg/l
Barium		4/ 4/90	0.61	0.01	mg/l
Cadmium	<i>ડ</i> ા	4/ 4/90	ND	0.01	mg/l
Chromium		4/ 4/90	0.03	0.02	mg/l
Mercury		4/ 4- 4/ 5/90	ND	0.005	mg/l
Lead	÷	4/ 4/90	ND	0.05	mg/l
Selenium		4/ 4- 4/ 5/90	0.01	0.005	mg/l

NOTE: ND (None Detected)

Initial pH	7.6	su
Final pH	4.8	su
Amount of acetic acid used per method	250	m l



COMPANY: CANTON DROP FORGE

LAB #: 6797-55214 MATRIX : SLUDGE

SAMPLE ID : #1 - SCRUBBER LIME 3-27-90

ANALYTICAL REPORT

PARAMETER		PREPARATION - ANALYSIS DATE	result	DETECTY LIMIT	•
Cyanide Reactivity		3/30/90	ND	10	mg/kg
Cyanide		4/ 6/90	ND	0.5	mg/kg
Flash Point (COC)		3/30/90	>180		deg F
pH - Solid		3/28/90	7		su
Sulfide		3/29/90	ND	50	mg/kg
Sulfide Reactivity	7.	3/30/90	ND	50	mg/kg

NOTE: ND (None Detected)

DATE RECEIVED: 3/28/90

1 (c)(d) (e)

# CITY OF MASSILLON WASTEWATER TREATMENT DEPARTMENT INDUSTRIAL WASTEWATER PRETREATMENT PROGRAM

### INDUSTRIAL INSPECTION REPORT

DATE: 1-26-93	PERMIT NUMBER: 11A
TIME: /2/00	EXPIRATION DATE:
COMPANY: CANTON PROP FOR 9 12	-
ADDRESS: 45 75 Southway S.	Æ-
CANTON, OHIO 4470	06
CONTACT PERSON: KRITH HOUSEKWECHT	TELEPHONE NO. 477-45-11
Last Inspection Date: 8-26-92	
POTW Inspectors, Title, Affiliation	·
1. DAN ACKERMAN CITKOFM	MEGILLON
2	
3	· · · · · · · · · · · · · · · · · · ·
Company Representatives, title, affiliation	
1. KKITH HOUSEKNECHT- MG	EL PLANT ENGINEERING
2	<del>,</del>
3	
Reason for visit: ANNUIAL IN SPE	C-TION_
General Information	
1. Description of activity at facility: HE	ATINA
HAMMERING, HEAT TREAT.	·
GRINDING YINSPECTION	
TYPE 5 OF METALS	

2.	SIC Number(s): #3460			•
		77	4.	** /-
3.	Any changes in the company name, address or contact person since last inspection?	Yes	No <u>×</u>	N/A ——
	If yes, list:			
	Company Name:			
	Address:			
	Contact Person:			
4.	Any changes in manufacturing, business or service	Yes	No	N/A
••	activity since last inspection?	<u>.                                    </u>	<u> </u>	· ·
	If yes, list:	-		-
				-
				•
		Yes	No	N/A
5.	Any changes in type and amount of products produced	1		, - ,
	since last inspection?	<u>~</u>		<del></del>
	If yes, list: PRODUCING FORGINGS Z ShiF	ナち		
	If yes, list: PRODUCING FORGINGS Z ShIF PER DAY, HEAT TREATING & MAINTENANCE	ok		
	WORKING 3 SHIFTS			, ;
	,	Yes	No	N/A
		100	بر. این	<b>,</b>
6.	Any changes in raw materials used since last inspection?			
	If yes, list type and quantity:			
	Type Quantity			
	· -			
	<del></del>			
7.	Operations			
	a. Average number of employees per shift			
	1st2nd3rd			
	WILL SUBMIT		CDFA	00443
FO	RM A 7/89 Page 2 of 9		-U1 U	vv443

	Start Time	Sun	_Mon_	Tue	_Wed	<u>I</u>	<u>hu</u>	Fri	<u>_\$</u>	<u>ıt</u>			
	lst	Witte	7:30	9 m		~_	м ——		·	<del></del>			
	2nd		3:30	<u> </u>					· —				
	3rd	11:00	+6:00	<u>~</u>		<u>~</u>							
8.	Any cha		n produ	ction o	r shut	tdown	s sin	ce las	st		Yes ·×	No .	N/A
	If yes,	, list:	JUL	· y 6 -	9	5 h 4	TD	042/L	2 F.	12	-		
•		INTE		•							. ,		٠, .
						٠				•	Yes	No	N/A
9.	Any rec		s or ex	pansion	s plar	nned	since	last	J.			: <u>*</u>	
	If yes	, list:											
				9 N									
Wat	er Use/V	Wastewa	ter Inf	ormatio	on						<del>-</del> .		
	Water			-									
	Source	•			<u>(</u>	Quant	ity						
	2	WEC	LC 5	USEL	2						_		-
Fo	12 PO		•			15	(EA)	m G	E-N F	RAT	100		
2.	Water	Dischar	ge or I	Loss:	·								
	Source	<b>:</b>	Qua									-	
	Sanita	ry	N	01h11	vg 13	uT.	SAN	// (ga	RX lion	s/day	)		
	Proces	is To	BÉ <u>D1</u>	s ChA	Rgis	0		_ (ga	llon	s/day	)		
	Coolir	ıg	101	96hAK	14ED	Top	OND	<u>(</u> (ga	llon	s/day	)		
	Contai produc	ined in			10N21	<u>E</u>		_ (ga	llon	s/day	)		•
	Other			· · · · ·				_ (ga	llon	s/day	)		
	NOTE:			ntities r with		not m	etere	d, est	imat	e and			

3.	Are any wastes other than sewar produced at your plant and dis sewer system?		Yes	No 	N/A
	If yes, describe the waste bei	ing discharged to the			-
	NOTIFICATION TO CEASE A	VISCHARGE FROM WATE	L		
	SOFTENER WILL BE SE	NTTO INDUSTRUIN NET	(T		
	1-2 WEEKS				
4.	Type of process wastewater dis	scharge:			•
		GALLUK (gallons/day)			•
	Continuous	(gallons/day)	-		
	•		Yes	No	N/A
5.	A) Is there a spill prevention countermeasure plan in eff		4	Ø	
		_			
	B) A copy of the plan readily inspection?	y available for	<u> </u>	<u>Q</u> _	
	Comments: No FLOOR DE	PAINS TIED TO SAN.	TARX		
	IN PRODUCTION ARE				
	7		Yes	No	N/A
6.	A) Is there a solvent manage	ment plan (TOMP) in effect?	_	X.	-
0.		_ ,			<u> </u>
		y available for inspection?			
	Comments: MANAGEMENT P	LAN 13 PARTOR SPO	<i>.</i>		
NO.	E: Items 5B and 6B				
	Copies of the plans should if not available, indicate	be inspected and viewed by a response of "NO".	the ins	pecto:	r;
<u>Ch</u>	mical Storage and Handling				•
			Yes	No	N/A
1.	Does the Industry have a desi chemicals?	gnated storage area for	<b>y</b> .		
_		41	_ <del></del>	<u> </u>	
2.	Are there any floor drains in	the area?	~	$\triangle$	
3.	Are containers regularly insp	pected?		,	<del>-</del>
FO	RM A 7/89	Page 4 of 9		CDF000	445

CDF000445

4.	Are only small quantities of chemicals removed and used?	Yes	No	N/A
5.	Solvent Management Plan on file with the City?			<u> </u>
6.	Are spent chemicals disposed of properly?	<u>/</u>		<del></del>
	Comments:		,	
<b>7.</b>	Site Plan showing layout of building, streets, service connections, storm drains and sewers, and sampling location is on file?	Yes	<b>No</b>	N/A
	If no, draw a layout of building, streets, service			÷
	connections, storm drains and sewers, and all sampling points:			
	#### 1 A A A A A A A A A A A A A A A A A			

### 8. Process Flow Diagram

Include raw materials (RM), water (W), wastestreams (WS), end product (EP), recycle (R), and disposal (D).

NO WATER DISCHARGED TO SANTARY FROM PRODUCTION

	•	Yes	No	N/A
9.	Any changes in the toxic pollutants, Table 1, listed in the WDPA?		乂	
	If yes, list:			
10	Bose other toxic pollutants procent in your discharge?	Yes	No /	N/A
10.	Any other toxic pollutants present in your discharge?  If yes, list:   SANITAKY BNILY	. ——.		
11.	Any self-monitoring of your discharge in addition to the City requirements? If yes, attach copies.	Yes	No ×	N/A
12.	All records are kept for a minimum of three years?		. <del></del>	<u>×</u>
Pret	treatment			
1.	Wastewater treatment equipment or process in use?		$\leq$	
2.	If yes, describe: PROCESS WATER 15 DISCHA  TO SETTLING PONDS  Describe the composition and quantity of any sludges or	RGR	0	
	Dîsposal	azardou Waste	Mar	sposal nifest
		Yes/No		es/No)
	NO BLUDGES GENERATED THAT ARE FROM INDUSTRY WITH THE EXCEPTION	EE.	mov	<u>E.D</u> _
			1 20 4	<i>†</i>
	FROM INDUSTRY WITH THE EXCEPTION	5 F M	<u> </u>	<del></del>
	SCRAPINGS FROM MACHINE Shop	<u> </u>		
	SCEAPINGS FROM MACHINE Shop	Yes	No	· N/A
3.		Yes	No	· N/A
3.	SCEAPINGS FROM MACHINE Shop	Yes	No	N/A

Haz	ardous Waste Generation and Handling			
		Yes	No	N/A
1.	Are any hazardous waste present?	<u>×</u>		
2.	Is the hazardous waste(s) separated from the process wastestream?	L.		· 
3.	Are there any drains in the hazardous waste storage area?	$\overline{\times}$		
4.	Are there spill clean-up procedures for the hazardous waste?	<u>×</u>	———	· ———
<b>5.</b> .	Are those plans posted in the area?	<del></del> .	<u>×</u>	
6.	Is the hazardous waste(s) being handled properly?	4	<u></u>	
7.	Name of the company removing waste from premises:	<u>.</u>		
10. 10. 14.		•.		
	Comments:	-	·	
		·		
Add	itional Information		•	
Can	ments from inclustry:			
		-		
		-		
		•		
Che	ecklist to be reviewed with industry:			
	1. Review existing permit			
	2. Review sampling and reporting requirements			
	3. Compliance status			
Ack	ditional Comments:	-		
		-		
		_		

Was a new Wastewater Discharge Permit Application completed?	res no n/A
POIW Inspector who completed form:	Inspection Review:
Dan Gekemmen Signature	Initials
8-26-93 Date	Date

#### **ABBREVIATIONS**

TOMP - Toxic Organic Management Plan SPCC - Spill Prevention Countermeasure and Control Plan WDPA - Wastewater Discharge Permit Application TTO - Total Toxic Organic POTW - Publicly Owned Treatment Works SIC - Standard Industrial Code

### STARK COUNTY METROPOLITAN SEWER DISTRICT

December 9, 1999

MICHAEL S. ARMOGIDA, P.E. DIRECTOR

Canton Drop Forging and Mfg. Co. 4575 Southway S.W. Canton, Ohio 44706

Attn: Michael J. Suttle

Account No.: 09-00813-00-7

Dear Mr. Suttle:

Would you please send us the average number of persons employed at 4575 Southway S.W. during the past calendar year. Do not include office personnel.

This is needed for us to correctly bill the sanitary sewer charges for 2000. Please reply by December 30, 1999.

The enclosed envelope is for your convenience in replying.

truly yours,

DICK THOMPSON BILLING MANAGER

DT:dd

c: file

Enclosure

AND # = 245

AND MESSACE 1875-8046

THOME DURKIN
ON
ON



February 12, 2003

Stark County Metropolitan Sewer District Attn: Dick Thompson 1701 Mahoning Road, N.E. P.O. Box 7906 Canton, Ohio 44705-7906

Re: Account No. 09-00813-00-7

Dear Mr. Thompson:

Changes in our business volume have impacted our employment level. The number of plant employees at 4575 Southway S. W. is now 175. Could you give us a \$72.00 credit for the January bill and reduce future invoices to reflect the new number of plant employees?

Thank you for your time and attention to this matter.

Sincerely,

Keith Houseknecht

Manager, Plant Engineering

with Clouseknecht

INVOICE # 00800B

DATE:

02/05/03

### **STARK COUNTY**

### METROPOLITAN SEWER DISTRICT

1701 MAHONING ROAD N.E. - P.O. BOX 7906 CANTON, OHIO 44705-7906

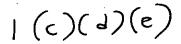
**COMPANY NAME:** Canton Drop Forging and Mfg. Co.

MAILING ADDRESS: 4575 Southway SW, Canton, Ohio 44708

SERVICE FEES FOR: January 2003

Make all checks payable to the STARK COUNTY TREASURER and mail, with YELLOW copy, to the STARK COUNTY SANITARY ENGINEER.

	NET		ROSS
		<u> </u>	
	<b>\$158.56</b>		
			\$174.42
	\$702.00		·
63	30 545		\$772.20
	<del></del>	ļ	
	\$227.20		
		<u> </u>	\$249.92
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	\$	\$702.00 630 <del>445</del> \$227.20	\$702.00





**December 8, 2003** 

Stark County Metropolitan Sewer District Attn: Dick Thompson 1701 Mahoning Road, N.E. P.O. Box 7906 Canton, Ohio 44705-7906

Re: Account No. 09-00813-00-7

Dear Mr. Thompson:

Thank you for your letter of December 5, 2003 requesting updated employment numbers. The average number of plant employees is 169. This number does not include any office personnel.

Sincerely,

Keith Houseknecht

Manager, Plant Engineering

### STARK COUNTY METROPOLITAN SEWER DISTRICT

MICHAEL S. ARMOGIDA, P.E. DIRECTOR

1(c)(d)(e)

December 5, 2003

Canton Drop Forging and Mfg. Co. 4575 Southway SW Car Chio 44706

Michael J. Suttle

Dear Mr. Suttle:

Would you please send us the average number of employees at the subject address this past calendar year, do not include office personnel. This is needed to calculate sewer service charges for 2004. Please reply by December 31, 2003.

The enclosed envelope is for your convenience in replying.

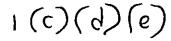
Sult

Truly Yours

Dick Thompson Billing Manager

c: file

CDF000455



### Keith Houseknecht

From:

Janet Adams

Sent:

Tuesday, December 21, 2004 7:15 AM

To:

Keith Houseknecht

Subject:

RE: Number of employees

days 118; afternoons 69; midnights 31 = total 218

This is only the hourly employees

----Original Message-----

From:

Keith Houseknecht

Sent:

Monday, December 20, 2004 2:07 PM

To:

Janet Adams

Subject:

Number of employees

Hi Janet

I need some information for the sewer company. They need to know the number of <u>plant</u> employees on each shift. I need this for Tuesday Dec 28.

Keith

### STARK COUNTY METROPOLITAN SEWER DISTRICT

JAMES R. JONES, P.E. SANITARY ENGINEER

1(c)(g)(e)

December 2, 2010

Canton Drop Forging and Mfg. Co. Attn: Keith Houseknecht 4575 Southway SW Canton, OH 44706

Dear Mr. Houseknecht:

Would you please send us the average number of employees at the subject address for this past calendar year. Do not include office personnel. This is needed to calculate sewer service charges for 2011. I will also need the daily hot process water discharge. You are currently billed 7,095 gallons per day. Please reply as soon as possible.

Enclosed is a return envelope for your convenience in replying.

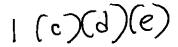
Sincerely,

Christine Balahoski
Accounts Inspector

c:file

330 ASI 2327

CDF000457





January 19, 2010

Stark County Metropolitan Sewer District Attn: Ken Sovacool 1701 Mahoning Road, N.E. P.O. Box 7906 Canton, Ohio 44705-7906

Re: Account No. 09-00813-00-7

Dear Mr. Sovacool:

Thank you for your letter of December 7, 2009 requesting updated employment numbers. The average number of plant employees is 186. This number does not include any office personnel.

On January 18, 2010 powerhouse personnel timed the filling of discharge tanks from our hot process softener. The measured volume was 4,319 gallons and the filling time was 14.61 hours, or 7,095 gallons in 24 hours. Our normal schedule in the forge shop is four, ten-hour days per week, Monday through Thursday.

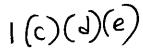
Sincerely,

Keith Houseknecht

Manager, Plant Engineering

### STARK COUNTY METROPOLITAN SEWER DISTRICT

JAMES R. JONES, P.E. SANITARY ENGINEER



December 7, 2009

Canton Drop Forging and Mfg. Co. Attn: Keith Houseknecht 4575 Southway SW Canton, Ohio 44706

Dear Mr. Houseknecht:

Would you please send us the average number of employees at the subject address this past calendar year, do not include office personnel. This is needed to calculate sewer service charges for 2010. We also need the daily hot process water discharge. We are currently billing 10,000 gallons per day. Please reply as soon as is possible.

The enclosed envelope is for your convenience in replying.

Very Truly Yours,

Ken Sovacool Billing Supervisor

c: file

CDF000459

Measure 24 Hour flow out of HPS Request Date 12/17/2009 Task No. Request Time 11:47:42 Tenant Originator 001 Assigned By Telephone No. Assigned To **Scheduled Start Date** Extension Scheduled Finish Date WO Type ENVIRO 1-16-10 Completion Date Perform by Warranty No Completion Time Priority 3.00 **Expense Class** 

CraftCrew SizeEstimated Labor HoursPH FIREMAN2.004.00

Equipment No. APOP00

Equipment Description MISCELLANEOUS EQUIPMENT IN POWER HOUSE

Serial No. User-defined Field 1
Cost Center 12 User-defined Field 2
General Ledger No. User-defined Field 3
Department POWER HOUS User-defined Field 4

Location POWER HOUSE User-defined Field 5
Sub-location 1 - Must Be Down No
Sub-location 2 - Down Time

Sub-location 2 - Estimated Down Time

Reason for Outage

Safety Notes

#### **Comments**

Empty and shovel out the tanks used to process the water exiting the Hot Process Softener.

Measure each of the tanks so I can calculate the volumes.

Capture all the water and write down the time to fill all the tanks

measure how full the final tank is after 24 hours.

The objective to be properly bill by the sewer department for gallons processed per 24 hours

Equipment No. Meter Name Meter Reading

Item No. Equipment No. Description Qty Required Date Used Qty Used Total Unit Cost

CDF000460

List extra parts and comments here

0N 007S - FULL 1802 /	IIME	70 FILL	FROM ET	13. HI FTGN	HOURS.
	MINTEN C			E- 689,800	LBS.
					· .

Employee Code	Equipment No.	Work Date	First Name	Last Name	Regular Hours	Overtime Hours
170		1-16-16	T.	DZXON		4.00
975			5.	SOIFAM		4.00



January 13, 2011

Stark County Metropolitan Sewer District Attn: Christine Balahoski 1701 Mahoning Road, N.E. P.O. Box 7906 Canton, Ohio 44705-7906

Re: Account No. 09-00813-00-7

Dear Ms. Balahoski:

Thank you for your letter of December 2, 2010 requesting updated employment numbers. The average number of plant employees is 213. This number does not include any office personnel.

On January 18, 2010 powerhouse personnel timed the filling of discharge tanks from our hot process softener. The measured volume was 4,319 gallons and the filling time was 14.61 hours, or 7,095 gallons in 24 hours. Our normal schedule in the forge shop is five, days per week, Monday through Friday.

Sincerely,

Keith Houseknecht

Manager, Plant Engineering